

20041031.ba v03\_n722.bam.20041031

>From ???@??? Sun Oct 31 22:49:10 2004 -0600  
Message-Id: <200411010448.iA14mpfd009546@sco.theporch.com>  
Date: Sun, 31 Oct 2004 22:48:23 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3722

## BOATANCHORS Digest 3722

Topics covered in this issue include:

- 1) Re: DZ-2 variations  
by Paul Beckwith <beckrep@citlink.net>
- 2) Re: Hello  
by "Listown" <listown@nanniandjack.com>
- 3) Ranger Audio  
by "Tom Rauch" <w8ji@contesting.com>
- 4) Re: Ranger Audio  
by "k4pf@juno.com" <k4pf@juno.com>
- 5) Parts and Items For Sale  
by "Tom D." <mars@mars.100megsdns.com>
- 6) For sale, qty. 75 NOS plate/filament transformers  
by AA8TV@aol.com
- 7) Re: For sale, qty. 75 NOS plate/filament transformers  
by AA8TV@aol.com
- 8) Re STAR  
by "philip" <dgnova@erols.com>
- 9) Heathkit AR-1  
by John Dilks K2TQN <oldradio@worldnet.att.net>
- 10) HAMMARLUND'S NEW SITE  
by SP600@aol.com
- 11) HAMMARLUND'S NEW SUTE  
by SP600@aol.com
- 12) U-Boat Message  
by Jerry Proc <jerry.proc@sympatico.ca>
- 13) receiver- Carlton Neutrodyne  
by wb3fau@att.net
- 14) Re: U-Boat Message  
by "Hue Miller" <kargo\_cult@msn.com>
- 15) Re: U-Boat Message  
by Jerry Proc <jerry.proc@sympatico.ca>
- 16) Re: U-Boat Message  
by "Hue Miller" <kargo\_cult@msn.com>
- 17) Re: Ranger Audio  
by "Arden Allen" <gumbear@pacbell.net>
- 18) Re: U-Boat Message

by "Hue Miller" <kargo\_cult@msn.com>  
19) Re: receiver- Carlton Neutrodyne  
by Ron Hershey <rhershey@kalama.com>  
20) Re: AN/SRT14  
by W7QH0@aol.com

-----  
Message-Id: <5.0.0.25.2.20041030092443.02451de8@POP3.citlink.net>  
Date: Sat, 30 Oct 2004 09:30:41 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Paul Beckwith <beckrep@citlink.net>  
Subject: Re: DZ-2 variations  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

My DZ-2 RX was made by RCA for the Navy on a 1939 contract. S/N is 1900. Must have been a decent amount produced.

73's de Paul K2LMQ

At 10:09 AM 10/30/2004 -0400, WA5CAB@cs.com wrote:

>Mike, Marty, et al,

>

>The lower case "-a" isn't a misprint. It was used by the Navy to indicate an  
>alternate power source instead of the odd/even number method (where "0" or  
>blank is an even number). Same sort of thing as the later "X", "Y", "Z"  
>suffixes of the AN system. So the DZ was 14 volt and the DZ-a was 28  
>volt. Then the

>DZ-1 and DZ-2 were 14 and 28 volt respectively, under the "new" system.

>

>There were other differences between the DZ and DZ-a, however, which wasn't  
>typically the case in other sets and usages. The DZ-a loop is mechanically  
>inverted so that it stuck out the bottom of a blimp's control cabin. And  
>it was

>taller so that the controls were farther off the floor.

>

>The only other "-a" example that I can remember right now is RBA-5a, RBB-2a  
>and RBC-3a which were modified for 400 Hz power source circa 1950.

>

>In a message dated 10/30/2004 7:53:53 AM Central Daylight Time,

>AAF-Radio-1@cox.net writes:

> > I have an early version of that one too, Marty - it sez it's "for Model  
> > DZ and DZ-a" [sic] so perhaps it is only for the early version. It does  
> > say it requires an 11-15 volt supply.

> >

> > >Think DZ was 1st DF with single null. Ckt. very neat - sense ant. is wire  
> > >&is 90-deg.s out fm loop. Loose-coupling of sense-ant. to 1st RFA  
> > >adds another 90. Write me if this is a stumper.

> > >

>

>Robert Downs - Houston

><<http://www.wa5cab.com>> (Web Store)

><[wa5cab@cs.com](mailto:wa5cab@cs.com)> (Primary email)

><[wa5cab@houston.rr.com](mailto:wa5cab@houston.rr.com)> (Backup email)

-----  
Date: Sat, 30 Oct 2004 13:28:37 -0500  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
From: "Listown" <[listown@nanniandjack.com](mailto:listown@nanniandjack.com)>  
Subject: Re: Hello  
Message-ID: <[yvuucozhhdyyikzzrxsa@theporch.com](mailto:yvuucozhhdyyikzzrxsa@theporch.com)>  
MIME-Version: 1.0  
Content-Type: multipart/mixed;  
                boundary="-----qlhopxvfxcumlpzgcxr"

-----qlhopxvfxcumlpzgcxr  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----qlhopxvfxcumlpzgcxr--

-----  
Message-ID: <026a01c4bf59\$918dcb40\$6501a8c0@akorn.net>  
From: "Tom Rauch" <[w8ji@contesting.com](mailto:w8ji@contesting.com)>  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
Subject: Ranger Audio  
Date: Sun, 31 Oct 2004 09:54:48 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello all.

Is this OK, or is there a better place for questions like  
this?

I was looking at a Ranger II's AM envelope this weekend. While the response was good and there was plenty of reserve on negative peaks, I found positive peaks only reach about 70% when reaching 100% negative. This Ranger has had some audio coupling mods, but I can only find increases in size of capacitors. The response looks flat from a few hundred Hz up to 4kHz or so, it just won't do 100% positive peaks when it is reaching 100% negative. It sounds good, I just don't get good positive peaks.

The problem with peak non-symmetry appears to trace back to the grid of the 12AU7 driver. It appears the 12AX7 does not source enough current (on rising plate voltage) to drive the low impedance caused by the feedback loop of the 12AU7. Either decreasing the 470K anode resistor of the 12AX7 to 220K or opening the feedback loop greatly helps the non-symmetry problem. The grid of the 12AX7 from the mic gain looks perfect.

This is not a tube problem. It is circuit. Anyone else see this?

Thanks,  
Tom

-----  
Mime-Version: 1.0  
From: "k4pf@juno.com" <k4pf@juno.com>  
Date: Sun, 31 Oct 2004 15:22:42 GMT  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: boatanchors@theporch.com  
Subject: Re: Ranger Audio  
Content-Type: text/plain  
Message-Id: <20041031.072342.519.347951@webmail01.lax.untld.com>

-- "Tom Rauch" <w8ji@contesting.com> wrote:

>I was looking at a Ranger II's AM envelope this weekend.  
>While the response was good and there was plenty of reserve  
>on negative peaks, I found positive peaks only reach about  
>70% when reaching 100% negative. This Ranger has had some  
>audio coupling mods, but I can only find increases in size  
>of capacitors. The response looks flat from a few hundred Hz

>up to 4kHz or so, it just won't do 100% positive peaks when  
>it is reaching 100% negative. It sounds good, I just don't  
>get good positive peaks.  
<snip>

Hi, Tom

You might try reversing the primary leads of the modulation transformer. (An old trick, akin to witchcraft, appropriate for Halloween).

73,  
Ed Knobloch

-----  
From: "Tom D." <mars@mars.100megsdns.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Parts and Items For Sale  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Message-Id: <E1COLjU-0005LL-9a@earth.vosn.net>  
Date: Sun, 31 Oct 2004 12:51:20 -0700

greetings all, thanks for looking. the following has to go:

1. qty 2 doorknob Transmitter caps. 200pf at 7.5 kv. both in good shape. mfg is hec and crl. both rated n750 and 10% tol. see pix both for \$7.50

<http://mars.100megsdns.com/2CAPS.JPG>

2. amphenol 2 pin mic plug and jack. this is new old stock, never used. great for heath or gonset mic plug/jack replacements. same as oem. please see pic. both for \$7.50

<http://mars.100megsdns.com/AMPH.JPG>

3. eimac hr-7 plate cap. this is large in size. some wear from being in junque drawer. has both screws. made in usa. see pic \$7.50

<http://mars.100megsdns.com/HR7.JPG>

4. ac control relay. mfg is square d. this is new old stock and is unused. with box. spst 1 no open frame type coil is 120v 60hz ul listed 15 amp contacts. made in usa. please see pic \$7.50

<http://mars.100megsdns.com/RELAY.JPG>

5. qty 2 AB ganged pots. type j 1k ohm 10% unused old stock. great for tube audio or ham radio. dual 1k ganged sections. see pic. both \$7.50

<http://mars.100megsdns.com/TYPEJ1K.JPG>

6. triad C-47U filter reactor (choke) this is unused new old stock. in box. specs: .3hy@1a .30 ohms or .075hy@2a .75 ohms. vertical mount open frame style. please see pic and note ruler. \$20

<http://mars.100megsdns.com/C47.JPG>

7. electronics circuits manual, hardbound in very good shape. with outer cover. 988 pages. sorry, 1000's of solid state circuits. dated 1971 by john markus. pub is mcgraw hill. big and heavy \$35

<http://mars.100megsdns.com/MANUAL.JPG>

plus shipping. thanks tom

--

MARS List

<http://mars.100megsdns.com/>

-----  
From: AA8TV@aol.com

Message-ID: <157.427df7cc.2eb6a797@aol.com>

Date: Sun, 31 Oct 2004 15:39:51 EST

Subject: For sale, qty. 75 NOS plate/filament transformers

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="part1\_157.427df7cc.2eb6a797\_boundary"

--part1\_157.427df7cc.2eb6a797\_boundary

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Hi folks,

I have qty.75, NOS horizontal type 100va plate transformers with a single 115 vac primary, a 200-0-200 vac at 240madc secondary #1, and 6.3vac at 6 amps secondary #2. They will give you 250vdc at 240ma, or 500vdc at 120ma. These transformers have never been used, and have the beautiful cloth type leads in perfect condition. Mounting centers are 3 1/4 X 2 3/4. I would like to get \$5 each, or \$2 each if someone wants to buy all 75 transformers. Shipping is extra. Net weight is 4-5 lbs. each.

Tnx. 73, Ed  
AA8TV

--part1\_157.427df7cc.2eb6a797\_boundary  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1\_157.427df7cc.2eb6a797\_boundary--

-----  
From: AA8TV@aol.com  
Message-ID: <ff.54f1b49.2eb6b79b@aol.com>  
Date: Sun, 31 Oct 2004 16:48:11 EST  
Subject: Re: For sale, qty. 75 NOS plate/filament transformers  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative; boundary="part1\_ff.54f1b49.2eb6b79b\_boundary"

--part1\_ff.54f1b49.2eb6b79b\_boundary  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In case anyone wanted to see what these transformers look like, I have them listed on eham.net with a picture. You can search for my call, AA8TV and find them.

<http://www.eham.net/classifieds/search>

I'm glad to see a few you want them. They are beautiful power transformers and it would be a shame to let them go to waste.

Tnx. Ed  
AA8TV

--part1\_ff.54f1b49.2eb6b79b\_boundary  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1\_ff.54f1b49.2eb6b79b\_boundary--

-----  
Message-ID: <000901c4bf93\$f7fbf980\$41032c42@default>  
From: "philip" <dgnova@erols.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re STAR  
Date: Sun, 31 Oct 2004 16:52:47 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Does anyone have any information or know where I can get information on the following radio. I believe it was made around 1953 or so in the East German Republic:

Brand:    appears to be" STAR"Model:  appears to be" Nuptun  Ultra "

face plate is in the German language.  
I covers long wave, middle wave and short wave  
It also has FM ( the FM circuit must be really wild)  
Tube line up    ECH43

EF41  
EBC41  
EL11   ( yes EL11)



tuning eye  
rectifier

dgnova@erols.com

-----  
Message-Id: <6.1.2.0.0.20041031181034.034dd240@postoffice.worldnet.att.net>  
Date: Sun, 31 Oct 2004 18:27:38 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: John Dilks K2TQN <oldradio@worldnet.att.net>  
Subject: Heathkit AR-1  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Guys and Gal,

Does anyone have a Heath AR-1 and can take a good high resolution photo of the chassis for me, for my column in QST?

I'd also be interested in hearing about how it works (if restored), or if you have an interesting story about one.

Does anybody have an idea how many of them are left? I searched Google, and only found a few mentions of it, and no photos on line.

Thanks & 73,  
John Dilks, K2TQN

-----  
From: SP600@aol.com  
Message-ID: <1ee.2d63c39b.2eb6d1aa@aol.com>  
Date: Sun, 31 Oct 2004 18:39:22 EST  
Subject: HAMMARLUND'S NEW SITE  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----1099265961"

-----1099265961  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hello all, I have moved my site. I got tired of AOL, Comcast not supporting there older web site software to allow editing. I now have hammarlund parts listed along with tubes. Also have a quick easy cross reference from old to new numbers. The HQ series all have pictures, hope to add the rest of my 70 plus different pieces. Charlie N9SOR

-----1099265961  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----1099265961--

-----  
From: SP600@aol.com  
Message-ID: <158.428c5667.2eb6d1fc@aol.com>  
Date: Sun, 31 Oct 2004 18:40:44 EST  
Subject: HAMMARLUND'S NEW SUTE  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----1099266044"

-----1099266044  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

OPPS forgot the link shame on me.

<http://www.hammarlund.org> (<http://www.hammarlund.org>)

-----1099266044  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----1099266044--

-----  
Message-ID: <41858E7B.B06F724@sympatico.ca>  
Date: Sun, 31 Oct 2004 20:16:43 -0500  
From: Jerry Proc <jerry.proc@sympatico.ca>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Canadian-navy <canadian-navy@yahoogroups.com>, ctda <ctda@yahoogroups.com>, skywide@yahoogroups.com  
Subject: U-Boat Message  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Everyone,

Just acquired this little gem this week.

This is the short radio message sent on May 9/45 from U858, the first German U-boat to surrender on the Western side of the Atlantic as copied by Naval Radio Station Albro Lake, Nova Scotia. Operator George Crowell copied the transmission but the other operators copied along on their own receivers in order to get their name on the message. (Photo courtesy of George Crowell. Submitted by Spud Roscoe)

[http://webhome.idirect.com/~jproc/rrp/albro\\_lake\\_u858\\_msg\\_b.jpg](http://webhome.idirect.com/~jproc/rrp/albro_lake_u858_msg_b.jpg)

On May 8, the German High Command broadcast an order for all U-boats at sea to surrender. U-boats were to surface and remain surfaced. They were to report their position and number to the nearest British, United States, Canadian or Russian wireless station; fly a black or blue flag by day and burn navigation lights by night; jettison ammunition; render mines and torpedoes safe; make all signals in plain language; refrain from scuttling or in any way damaging their U boats; report their position, course and speed every eight hours and proceed by the prescribed route to the prescribed Allied port.

She was the first German warship to surrender to U.S. forces and was

interned near Fort Miles Delaware on 14 May 1945. The sub was scuttled at the end of 1947 after being used for torpedo trials near New England.

I didn't think I could write up so much over such a short message :-)

--

Regards,  
Jerry Proc VE3FAB  
Toronto, Ontario  
e-mail: jerry.proc@sympatico.ca  
<http://webhome.idirect.com/~jproc/ve3fab>

-----  
From: wb3fau@att.net  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: receiver- Carlton Neutrodyne  
Date: Mon, 01 Nov 2004 01:16:28 +0000  
Message-Id:  
<110120040116.8501.41858E6C0006BDCF0000213521603831169A0E00CC0D99@att.net>

Dear BAs need info and schematic for receiver listed. Been to Nostalgiaair and can't even find a listing for it. It is a wooden floor console from around late 20s to early 30s by the looks. 2 chassis, possible separate power supply. Most tubes have 2 digit numbers. Any help appreciated- Russ.

-----  
From: "Hue Miller" <kargo\_cult@msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: U-Boat Message  
Date: Sun, 31 Oct 2004 17:22:21 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Message-ID: <BAY5-DAV13DJb0LxA5600011996@hotmail.com>

Just curious - where would the sub get a "blue or black flag" ?  
( I thought a black flag meant "pirate vessel", but i'm surely wrong. )

I also wonder if the U-boat called up CFH first and verified reception, or only got an R after the msg was sent.

Somewhere ( one of David Kahn's books on behind-the-scenes or spy activities, maybe??? ) i read an account of resuming radio traffic with Japan, after the surrender was announced. The Japan station came up on the pre-war frequency, going at 25+ wpm, like nothing had happened, there hadn't been the slight interruption of a war.

-Hue Miller

-----  
Message-ID: <4185965E.B54204E6@sympatico.ca>  
Date: Sun, 31 Oct 2004 20:50:22 -0500  
From: Jerry Proc <jerry.proc@sympatico.ca>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: U-Boat Message  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Hue,

So far, I am missing many other details on the "mechanics" of surrender on the high seas. In the example I provided, I cannot yet verify if Albro Lake actually worked the sub or not. I can however offer this relevant extract from my research:

"Fred Ware, a Leading Telegraphist from WWII who served in the RCN, recalls the part he played in the surrender of the U-boats. " I will say that in April 1945, two Leading Telegraphists were taken off ships and sent to the St. John's, Newfoundland W/T station to set up a surrender service. Myself and another young fellow were drafted for this assignment. The system included W/T stations from Perth, Australia; Pearl Harbor; St. John's, NFLD; Gibraltar; Aden; Kandy Ceylon (now Sri Lanka) and possibly one or two other stations around the world. Once the armistice was signed, the order went out from German high command for the U-boats to surrender. On the hour and half hour, we broadcast on German U-boat frequencies using "Q" signals to talk to each other and usually passing weather conditions.

Whenever we were successful in establishing contact, we gave instructions to turn on all running lights, fly a black or blue flag and steer on a certain course. I remember talking to a U-boat in the Indian Ocean who could not be heard by the RN station in Kandy, so I relayed sailing instructions to arrange a "meet". I cannot remember how many U-boats I talked to during that period. The two of us worked four hours on and four off until June 8, 1945".

---

Hue Miller wrote:

> Just curious - where would the sub get a "blue or black flag" ?  
> ( I thought a black flag meant "pirate vessel", but i'm surely wrong. )  
>

> I also wonder if the U-boat called up CFH first and verified reception,  
> or only got an R after the msg was sent.  
>  
> Somewhere ( one of David Kahn's books on behind-the-scenes or spy  
> activities, maybe??? ) i read an account of resuming radio traffic with  
> Japan, after the surrender was announced. The Japan station came up  
> on the pre-war frequency, going at 25+ wpm, like nothing had happened,  
> there hadn't been the slight interruption of a war.  
> -Hue Miller

--

Regards,  
Jerry Proc VE3FAB  
Toronto, Ontario  
e-mail: jerry.proc@sympatico.ca  
<http://webhome.idirect.com/~jproc/ve3fab>

-----  
From: "Hue Miller" <kargo\_cult@msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: U-Boat Message  
Date: Sun, 31 Oct 2004 18:08:51 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Message-ID: <BAY5-DAV43yXvEbjkyq00006ff2@hotmail.com>

Ah, "WX HR.....". The universal conversation starter and fill-in.  
A very interesting time, radio-wise also, those weeks around the  
surrender. I wonder if a similar procedure was in place after VJ  
day - probably a book on the USS Indianapolis would say something  
about the surrender of the R0-boat submarine.  
-Hue Miller

-----  
Message-ID: <004301c4bfc3\$2881a710\$99e47443@KB6NAX>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Ranger Audio  
Date: Sun, 31 Oct 2004 19:30:33 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> ....it just won't do 100% positive peaks .....

Consider this, Tom: As the final amplifier is driven towards maximum RF output the load impedance the final amplifier presents to the modulator is decreasing. The load is non-linear. Obviously, when zero carrier is reached the final's plate current is approximately zero making the load impedance virtually infinite.

If the output impedance of the modulator is not low enough to dominate the plate final plate circuit impedance then significant distortion will occur. That's why triode modulators, with their low plate resistance, are preferred for simple modulators with good efficiency. The Ranger's modulator, using high plate resistance beam tetrodes, maintains low output impedance by employing negative feedback.

If the modulator is distorting the audio signal the RF envelope will be distorted, of course. Removing the final amplifier tube and loading the modulation transformer secondary with a resistor will allow you to check out the overall linearity of the modulator.

If the modulator's linearity is good then the problem is with final amplifier grid drive, screen regulation, tube condition, loading or a combination of these factors.

Arden Allen  
KB6NAX

-----  
From: "Hue Miller" <kargo\_cult@msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: U-Boat Message  
Date: Sun, 31 Oct 2004 20:30:13 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Message-ID: <BAY5-DAV2041tFlmmlQ00009560@hotmail.com>

When i read about those U-boats being scuttled or sunk after the war, i always have to wonder if the communications gear went down with them. I suspect in a lotta cases it did. "US property and you cannot take anything", except what you can carry off in your coat, or if you can pull something off sub-rosa, or if you are high enuff in the hierarchy.  
-Hue Miller

-----

Message-Id: <6.1.2.0.0.20041031203005.019bc868@scattercreek.com>  
Date: Sun, 31 Oct 2004 20:36:49 -0800  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Ron Hershey <rhershey@kalama.com>  
Subject: Re: receiver- Carlton Neutrodyne  
Cc: boatanchors@theporch.com  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:16 PM 10/31/2004, you wrote:

>Dear BAs need info and schematic for receiver listed. Been to Nostalgiaair  
>and can't even find a listing for it. It is a wooden floor console from  
>around late 20s to early 30s by the looks. 2 chassis, possible separate  
>power  
>supply. Most tubes have 2 digit numbers. Any help appreciated- Russ.

Hi Russ:

Do you have any kind of model number? If so, check under U.S. Radio & Television for a schematic. Carlton was a brand name used by them. If you can't find a model number let us know the tube complement to see if that helps to narrow it down.

regards,  
Ron Hershey  
rhershey@kalama.com

-----  
From: W7QH0@aol.com  
Message-ID: <14.372bbe8d.2eb71a05@aol.com>  
Date: Sun, 31 Oct 2004 23:48:05 EST  
Subject: Re: AN/SRT14  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="part1\_14.372bbe8d.2eb71a05\_boundary"

--part1\_14.372bbe8d.2eb71a05\_boundary  
Content-Type: text/plain; charset="ISO-8859-1"  
Content-Transfer-Encoding: quoted-printable

In a message dated 10/31/04 4:34:51 PM, ezeran@ezeran.cnc.net writes:

> I posted as 800 lbs but that is my mistake based on what I hauled home from  
m



> AZ. Now...."Hardly the  
> equivalent a BC-610. " Geeze Dennis !=A0 What is that about, seems like a=20=  
lot  
> more tube tech,100% duty cycle radio, than the 610 but lacks the cult  
> following by AM guys. Neat radio in my book.  
>=20  
>=20

Geeze, Ed! At 68 watts rated carrier out on AM how can it be the equivalen=  
t=20  
of a BC-610? The=20  
SRT-15 version you have (800 lbs about right) would be another matter, but=20  
then there's the 3-phase power requirement to deal with.... Agree it's a=20  
technically interesting rig. Had fun getting mine going and using it on th=  
e air,=20  
but taming that 60 tube, 13 sub-chassis, three thermostatically controlled o=  
ven=20  
synthesizer drawer was a challenge. Tackling a 610 would be a better bet f=  
or=20  
most guys in this end of the hobby. =20

Are you going to join us at Ft. Mac next Sat?

Dennis D. W7QH0  
Glendale, CA

--part1\_14.372bbe8d.2eb71a05\_boundary  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

--part1\_14.372bbe8d.2eb71a05\_boundary--

-----  
End of BOATANCHORS Digest 3722  
\*\*\*\*\*